

FILE NOTATIONS

Entered in N I D File ✓
 Entered On S R Sheet
 Location Map Pinned ✓
 Card Indexed ✓
 I W R for State or Fee Land

Checked by Chief ALD
 Copy N I D to Field Office ✓
 Approval Letter ✓
 Disapproval Letter

COMPLETION DATA:

Date Well Completed
 OW..... WW..... TA.....
 GW..... OS..... PA.....

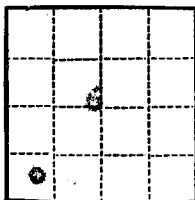
Location Inspected
 Bond released
 State of Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.).....

E..... I..... E-I..... ✓ GR..... GR-N..... Micro.....
 Lat..... Mi-L..... Sonic..... Others.....

Form 9-331a
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
Land Office Salt Lake CityLease No. 070225Unit Lease

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

 Chalk Creek Government Well No. 4 December 14, 1960
 (Chalk Creek gas storage project)

 Well No. 4 is located 220 ft. from XX line and 295 ft. from XX line of sec. 6

 SW SW sec. 6
 (1/4 Sec. and Sec. No.)

 2N
 (Twp.)

 6E
 (Range)

 S. L. M.
 (Meridian)

 Chalk Creek gas storage Summit
 (Field) (County or Subdivision)

Utah
 (State or Territory)

 The elevation of the ground ~~datum~~ above sea level is 6275 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We would like to drill the subject well to an approximate depth of 2500 feet as a water withdrawal well to be used in conjunction with our Chalk Creek gas storage reservoir. About 175 feet of 10-3/4" OD casing will be cemented to surface. A string of 7" OD casing will be run to total depth and cemented. A string of 2-7/8" OD tubing will be run inside the 7" OD casing.

Since this well is being drilled as a water withdrawal well, the Utah Oil & Gas Conservation Commission verbally approved the unorthodox location.

Depending upon the final results of this gas storage project, this well may be used as an injection-withdrawal well for gas storage purposes.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply CompanyAddress P. O. Box 1129Rock Springs, WyomingBy J. L. LimerTitle Vice President

December 20, 1960

Mountain Fuel Supply Co.
P. O. Box 1129
Rock Springs, Wyoming

Attention: J. T. Simon, Vice President

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Chalk Creek Gov't. #4, which is to be located 220 feet from the south line and 595 feet from the west line of Section 6, Township 2 North, Range 6 East, SLM, Summit County, Utah.

In view of the fact that we have already given our verbal approval for said well, this letter is to advise you that we appreciate being informed as to the status of your gas storage project. Incidentally, we gave a copy of your notice of intention to drill this well to Mr. Mayo of the State Engineer's Office so that he would be up to date for your meeting with him on Friday, December 16, 1960.

Thank you again.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE SECRETARY

CBF:awg

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Sarat Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 60,

Agent's address P. O. Box 1129 Company MOUNTAIN FUEL SUPPLY COMPANY
Rock Springs, Wyoming

Signed JL Jensen

Phone _____ Agent's title Office Manager

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>Government Wells</u>										
NW SE 6	2	6	1							Injection & withdrawal of gas throughout month. Dec. 31, 1960 well head pressure 776#
NW SE 6	2	6	2							Observation Well Well head pressure 000# (none)
NW SE 6	2	6	3							Observation Well Well head pressure 000# (none)
NW SW 6	2	6	4							220' fr S, 595' fr W Or El: 6,275' Spudded: Dec. 12, 1960 10-3/4" Casing at 184.01' KB w/115 sac Cement Dec. 31, 1960 Drilling at 191' WOC
<u>Ohio Oil Co. Well</u>										
NE SE 6	2	6	1							Observation well Well Head Pressure 788#
<u>Texaco Federal "L" Well</u>										
NW SW 6	2	6	1							Observation well Well head pressure 783#

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

R.D.

Form 9-831a
(Feb. 1961)

Budget Bureau No. 42-R388.4
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. 070555
Unit Chalk Creek Gas Storage Project

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	XX
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Gov't. Well No. 4 January 3, 1961

Well No. 4 is located 220 ft. from XXX line and 595 ft. from W line of sec. 6
SW SW sec. 6 2N 6E S. L. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Chalk Creek gas storage Summit Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ground ~~surface~~ above sea level is 6275 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well was spudded on December 29, 1960. At a depth of 191', the following 10-3/4" surface casing was run into the well:

- 1 Halliburton gulf shoe
- 6 jts. 10-3/4" OD 32.75# N-40 8rmd thd BTMC casing

Net
1.15'
181.61'
184.76'

Landed the above casing at 184.01', RRM and cemented casing with 115 sacks bulk regular cement. Good mud returns prior to and while mixing and displacing cement. Returned 4 barrels clean cement to surface. Pressure tested casing to 500 psi for 15 minutes; pressure test held good.

Presently drilling at a depth of 825'.

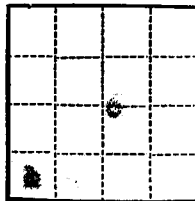
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply Company

Address P. O. Box 1129

Rock Springs, Wyoming

By [Signature]
Title Vice President

Form 9-881a
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt LakeLease No. 070555Unit L.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<u>XX</u>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Gov't. Well No. 4
(Gas storage project)

January 10, 1961

Well No. 4 is located 220 ft. from SE line and 395 ft. from W line of sec. 6

SW SW sec. 6

(1/4 Sec. and Sec. No.)

SE

(Twp.)

6E

(Range)

S. L. M.

(Meridian)

Chalk Creek

(Field)

Summit

(County or Subdivision)

Utah

(State or Territory)

ground

The elevation of the ~~surface~~ above sea level is 6275 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST #1: Depth 1747', Melvin formation, miarum.

DST #2: Depth 1747', Melvin formation, miarum.

DST #3: Depth 1747', packers 1550' and 1545', ISI 1 hour, tool open 15 minutes, ISI 1 hour, water to surface in 1 minute after tool opened, flowed water.

Recovered 1545' water. IBIP 865 psi, IHP 880 psi, ITP 853 psi, WTP 840 psi, PSIP 865 psi, WHP 880 psi.

Presently drilling at a depth of 1875'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

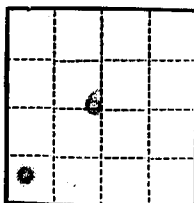
Company Mountain Fuel Supply Company

Address P. O. Box 1129

Rock Springs, Wyoming

By

Title Vice President



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**

Lease No. **070555**

Unit **Lease**
Chalk Creek Gas Storage
Project.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	XX
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government Well No. 4 **January 23**, 1961

Well No. **4** is located **220** ft. from **XXDX** line and **595** ft. from **EW** line of sec. **6**

SW SW sec. 6
($\frac{1}{4}$ Sec. and Sec. No.)

2N
(Twp.)

6E
(Range)

S. L. M.
(Meridian)

Chalk Creek gas storage
(Field)

Summit
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~water level~~ **ground** above sea level is **6273** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 2105'. Pressure tested BOP and 7" OD casing to 1500 psi for 15 minutes; pressure test held good. Drilled out plugs and cement in casing and cleaned out to total depth of 2105'. Ran a string of 2-7/8" OD J-55, 6.5#, 8rd thd and 7 square thd per inch tubing, measuring 2021.55' net, 2032.74' gross, and landed tubing at 2029.60', KBM. Flowed well through the tubing for 10 hours during which time the well flowed fresh water at the rate of 294 barrels per hour, with no indication of gas. Shut in well and released rig on January 19, 1961.

Water production from this well will commence and at the same time, pressures will be observed to determine the extent of communication between the three wells completed in the gas storage sand and this well which is completed as a water withdrawal well in the storage sand.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Mountain Fuel Supply Company**

Address **P. O. Box 1129**

Rock Springs, Wyoming

By

Title **Vice President**

Field Chalk Creek State Utah County Summit Sec. 6 T. 2 N. R. 6 E

Company Mountain Fuel Supply Farm _____ Well No. Gov't Well #4

Location 220' from sl, 595' from wl Elev. 6275' - ground

Drilling Commenced December 29, 1960 Completed January 15, 1961

Rig Released January 19, 1961 Total Depth 2105 feet

Casing Record 10-3/4 inch at 184.01 feet with 115 sax cmt.

7 inch at 1889.59 feet with 654 sax cmt.

Tubing Record 2-7/8 inch at 2029.60 feet

Perforations none

I. P. Gas none Oil none

Sands none

Shut-in Surface Pressures 280 psig.

Remarks This well was drilled as a water withdrawal well for the Chalk Creek Gas Storage Reservoir

FORMATION RECORD

FORMATION RECORD

	FROM (SURFACE)	TO
No samples	0	500
Shale; variegated, red-brown, purple, light gray, silty, firm, some calcareous, some non calcareous; trace sandstone, light gray, very fine grained, friable, abundant colored inclusions.	500	520
As above; occasional poorly sorted limestone, white-brown crystalline, hard.	520	532
Shale as above; sandstone, slight gray, very fine grained, friable, calcareous, well sorted with black and brown inclusions, tite.	532	543
Shale; variegated as above; trace sandstone as above.	543	560
As above; shale becomes silty to sandy; trace limestone as above.	560	630
Shale as above, increasing shale, medium gray, silty, firm.	630	640
Shale as above; decreasing shale, gray as above.	640	660
Sandstone, light gray, very fine grained, hard, calcareous, tite; shale variegated as above.	660	700
Sandstone, gray, very fine to coarse grained, friable to hard, poorly sorted, calcareous, sub-angular grains with large black grains; no fluorescence; shale, gray, soft; some shale variegated as above.	700	710
Shale, variegated, brown as above; trace of sandstone, gray, very fine grained.	710	850
Sandstone, tan, very fine grained, friable, calcareous, tite; no fluorescence; shale variegated as above.	850	870
Shale, medium gray, soft, with fine black inclusions; trace sandstone as above.	870	880
Shale as above, some shale dark gray, firm; sandstone, light gray, white, fine grained, calcareous, hard, with black inclusions.	880	890
Shale, light gray, silty, firm; trace sandstone as above.	890	900
Shale, variegated, silty, firm; shale light gray as above.	900	920
Shale, variegated as above; becoming mostly brown and red-brown, silty, firm.	920	950
Same as above with some sandstone, light gray, very fine grained, hard tite, calcareous.	950	970
Sandstone, tan, very fine grained, hard, tite, calcareous; no fluorescence; shale, tan, variegated, silty, firm as above.	970	1000
Shale, gray-green, some with red mottling, firm, silty, blocky; some shale variegated as above.	1000	1040
Shale becomes variegated, silty, firm; trace sandstone, very fine grained.	1040	1050

RECEIVED

SEP 6 1961

Office of Vice President
Rock Springs

Field Chalk Creek

Sec. 6 T. 2 N R. 6 E

Page 2

Farm

Well No. Gov't. #4

Company Mountain Fuel Supply

FORMATION RECORD

From	To	
1050	1060	As above with some sandstone, light gray, very fine grained, hard, tite, calcareous; no fluorescence.
1060	1130	Shale, variegated, silty to sandy, firm; trace sandstone as above.
1130	1160	Sandstone, tan, very fine grained, hard, tite, calcareous with brown, green, and black inclusions; no fluorescence.
1160	1370	Shale, some medium gray, some variegated, silty, firm; trace sandstone as above.
1370	1382	Shale as above; sandstone, tan, brown, very fine grained, friable, to hard, calcareous.
1382	1400	Shale, variegated, silty: some gray, firm, blocky.
1400	1410	Shale as above; increasing sandstone, tan, very fine grained, hard.
1410	1422	As above; decreasing sandstone as above.
1422	1460	Shale, variegated, silty, hard; trace sandstone, tan, very fine grained, hard.
1460	1470	Sandstone, light gray, very fine grained, friable to hard, tite, calcareous with black and green grains; no fluorescence; shale variegated as above.
1470	1490	Shale, variegated, brown, red-brown, medium gray, purple, gray-green; some silty to sandy, blocky; trace sandstone, gray as above.
1490	1500	Sandstone, brown, very fine grained, silty, hard, tite, with fine black inclusions; no fluorescence.
1500	1510	Sandstone, becoming tan, very fine grained, hard, tite.
1510	1520	Shale, variegated as above; trace sandstone, tan as above.
1520	1570	Shale as above; sandstone, light gray, very fine grained, calcareous, hard, tite, with fine black and brown inclusions.
1570	1580	Decreasing sandstone as above to trace. Increasing shale, medium gray, firm, blocky; shale variegated as above.
1580	1610	Shale, variegated and gray as above; increasing sandstone, light gray, very fine grained, hard, calcareous, tite, with fine black inclusions; no fluorescence.
1610	1630	Shale, variegated as above; increasing sandstone as above, occasional trace fine grained sandstone.
1630	1680	As above with occasional medium gray sandstone with coarse grained black grains; no fluorescence; some sandstone, gray, very fine grained with pyrite, hard.
1680	1690	Shale, variegated, abundant medium gray, some purple, some silty, firm; trace sandstone as above.
1690	1700	Shale as above; slightly increasing sandstone as above.
1700	1730	Sandstone, light gray, very fine to fine grained, friable, to hard, calcareous, tite, fairly well sorted, with black and brown grains; no fluorescence; shale, variegated as above; some sandstone, light gray, fine to coarse grained with angular shale inclusions.
1730	1745	As above; with sandstone, fine grained, loose; sandstone as above.
1745	1820	Shale, variegated, some gray with brown mottling, occasional pieces limestone, gray, crystalline, hard, dense; trace sandstone as above.
1820	1840	Shale as above; sandstone, tan, brown, very fine grained, hard, tite, calcareous with black and brown inclusions; evidence of calcite filled fractures.
1840	1900	Shale as above; decreasing sandstone as above to trace; limestone, gray, hard; trace shale, gray, blocky, firm.
1900	1920	Shale, variegated and gray as above; sandstone brown, tan, very fine grained as above; calcareous, with trace blue fluorescence.
1920	1940	Shale, variegated, gray as above; trace sandstone as above.
1940	1946	No sample
CORE #1 - 1946-1971		
1946	1956	Sandstone, gray, very fine grained, hard, tite.
1956	1957	Shale, gray, hard.
1957	1958	Sandstone, gray, very fine grained.

Field Chalk Creek

Sec. 6 T. 2 N R. 6 W

Page 3

Farm

Well No. Gov't. #4

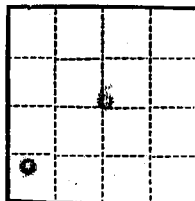
Company Mountain Fuel Supply

FORMATION RECORD

<u>From</u>	<u>To</u>	
1958	1963	Shale, red-brown.
1963	1971	Sandstone, gray as above.
		CORE #2 - 1971-1993
1971	1982	Sandstone as above.
1982	1984	Shale, brown-red.
1984	1987	Sandstone, very fine grained, shaly.
1987	1990	Sandstone with shale streaks.
1990	1993	Sandstone, very fine to coarse grained, tite.
1993	2000	Sandstone, light gray, very fine, coarse grained, poorly sorted, angular grains, abundant, loose, calcareous, with brown and gray grains.
2000	2030	Sandstone as above; shale, variegated, gray, silty, hard.
2030	2050	Sandstone as above, decreasing; increasing shale, variegated, gray, as above.
2050	2060	Shale as above; decreasing sandstone as above; trace limestone, gray, crystalline, hard.
2080	2100	Sandstone, tan-brown, very fine grained, friable to hard, calcareous, silty to shaly; shale variegated as above.
2100	2105	Shale, variegated, silty, hard as above; decreasing sandstone, tan as above.

Form 9-331a
(Feb. 1961)

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **070355**
Unit **1a**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	XX
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government Well No. 4 January 17, 1961
Gas Storage Project

Well No. 4 is located 220 ft. from ^{NE}_S line and 595 ft. from ^{NE}_W line of sec. 6

SW SW sec. 6
(1/4 Sec. and Sec. No.)

2N
(Twp.)

6E
(Range)

S. L. M.
(Meridian)

Chalk Creek gas storage reservoir Summit
(Field) (County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~derrier floor~~ ^{ground} above sea level is 6275 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST #1: Depth 1747', Kelvin formation, misrun.

DST #2: Depth 1747', Kelvin formation, misrun.

DST #3: 1550'-1747', Kelvin formation, tool open 1/4 hour, SI 1 hour, water to surface in 1 minutes. Recovered 1545' water. Well flowed fresh water. IBIP 865 psi, IHP 880 psi, IVP 853 psi, YFP 840 psi, 1PSIP 865 psi, FHP 880 psi.

DST #4: 1690'-2105', Kelvin gas storage sand, tool open 93 minutes, SI 1 hour, water to surface in 2 minutes, flowed fresh water at rate of 3771 barrels per day. IBIP 1192 psi, IHP 1320 psi, IVP 1148 psi, YFP 1148 psi, PSIP 1192 psi, FHP 1320 psi.

Total depth of this well is 2105'.

(Over)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply Company

Address P. O. Box 1129
Rock Springs, Wyoming

By [Signature]
Title Vice President

DEVELOPMENT PLAN FOR U.S.G.S. APPROVAL OF SURFACE USE
MOUNTAIN FUEL SUPPLY COMPANY DRILLING WELLS

Well Name - Chalk Creek Government Well No. 4

Field or Area - Chalk Creek, Summit County, Utah

1. Existing Roads -

- A) Proposed well site as staked - Refer to drawing No. M-12599.
- B) Route and distance from nearest town or locatable reference point to where well access route leaves main road - From Coalville, Utah the well site is 6.5 miles east in Chalk Creek Canyon.
- C) Access road to location - This development plan is for the recompletion of Chalk Creek Government Well No. 4, and we will be grading the existing road and enlarging the existing location.
- D) If exploratory well, all existing roads within a 3-mile radius of well site - Not an exploratory well.
- E) If development well, all existing roads within a 1-mile radius - Not a development well. Development plan for recompletion only.
- F) Plans for improvement and/or maintenance of existing roads - The existing road to Chalk Creek No. 4 will be graded. The roads will be maintained by Mountain Fuel as needed

2. Planned Access Road -

- A) Width - 16' wide from shoulder to shoulder.
- B) Maximum grade - The maximum grade on the road is 8 percent.
- C) Turnouts - No turnouts will be constructed.
- D) Drainage design - A drainage ditch on the uphill side of the road will be constructed. It will be a minimum of one foot below the surface of the road. No water diversion ditches are anticipated.
- E) Location and size of culverts and description of major cuts and fills -
 - 1) None
 - 2) The existing road has large sidehill cuts.
- F) Surfacing material - None
- G) Necessary gates, cattle guards or fence cuts - None
- H) New or reconstructed roads - Stated above.

3. Location of Existing Wells -

- A) Water wells - None
- B) Abandoned wells - None
- C) Temporarily abandoned wells - None

- D) Disposal wells - None
- E) Drilling wells - None
- F) Producing wells - All the wells on area plan No. M-6501 are gas storage wells.
- G) Shut-in wells - None
- H) Injection wells - All the wells shown on the area map No. M-6501 are injection/withdrawal wells.
- I) Monitoring or observation wells for other resources - None

4. Location of Existing And/Or Proposed Facilities - Refer to area map No. M-6501

A) 1) Tank batteries - None

2) Production facilities - The compressor plant located south of Chalk Creek Well No. 4 is a central pumping and withdrawal facility.

3) Oil gathering lines - None

4) Gas gathering lines - None

5) Injection lines - The existing surface lines shown on drawing No. M-6501 are injection/withdrawal storage lines.

6) Disposal lines -

B) 1) Proposed location and attendant lines by flagging if off the well pad - Refer to drawing No. M-6501 for flagged attendant line.

2) Dimensions of facilities - Refer to drawing No. M-12205.

None required.

3) Construction methods and materials - A 6-inch surface line will be run from the well to the above-mentioned pumping facilities. The line will be surface.

4) Protective measures and devices to protect livestock and wildlife - No sump pits are anticipated.

C) Plans for rehabilitation of disturbed area no longer needed for operations after construction is completed - After construction is complete, areas of non-use will be restored and seeded.

5. Location and Type of Water Supply -

A) Location of water - Coalville, Utah.

B) Method of transporting water - Water will be hauled from Coalville by tank truck.

- C) Water well to be drilled on lease - None
6. Source of Construction Material - None
- A) Information -
- B) Identify if from Federal or Indian land -
- C) Where materials are to be obtained and used -
- D) Access roads crossing Federal or Indian lands -
7. Method for Handling Waste Disposal -
- A-D) Since this is for a recompletion the location will not need a mud pit or burn pit.
- E) Stated above.
- F) Stated above.
8. Ancillary Facilities - None
9. Well Site Layout - Refer to drawing No. M-12599.
10. Plans for Restoration of Surface -
- A) After drilling operations, the well site will be cleared and cleaned and the burn pit filled in. Should the well be a dry hole, the surface will be restored to the extent that it will blend in with the landscape. The reserve pit liquids will be pumped out and dumped on the existing roads.
- B) Revegetation and rehabilitation of the location and access road will be done to comply with Bureau of Land Management recommendations.
- C) Prior to rig release, pits will be fenced and so maintained until clean up.
- D) If oil is in the mud pit, overhead flagging will be installed to keep birds out.
- E) Clean up will begin within two months after drilling operations have been completed and the land will be restored at this time.
11. Other Information -
- A) The existing location lies on a steep sidehill and the enlargement will require more cutting and filling.
- B) The surface belongs to Ronald and Nina Robinson.
- C) No cultural, archaeological, or historical sites are located within the area to my knowledge.
12. Lessee's or Operator's Representative -
D. E. Dallas, Drilling Superintendent, P. O. Box 1129, Rock Springs, Wyoming 82901, telephone 307-362-5611.

13. Certification -

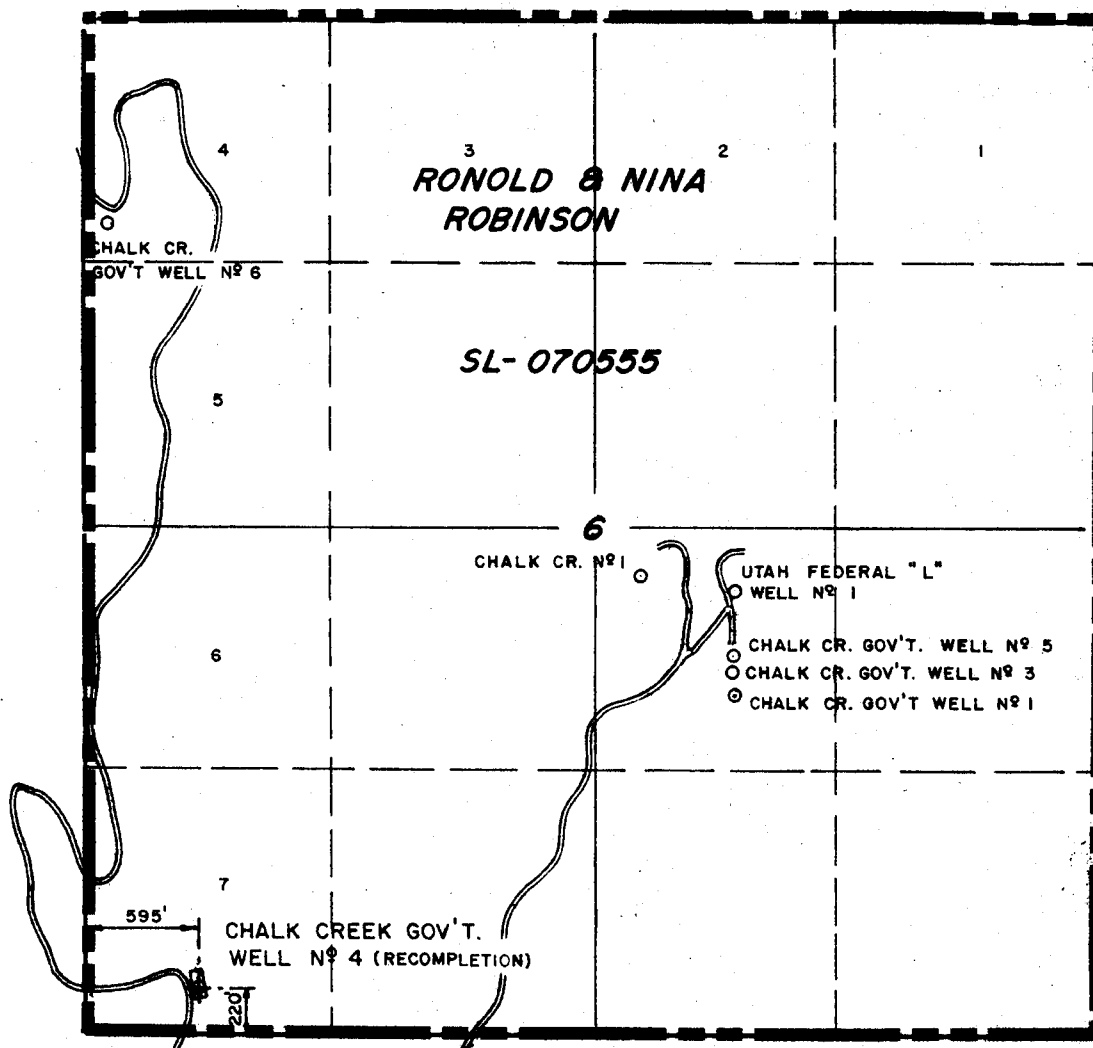
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Mountain Fuel Supply Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date June 1, 1977

Name DE Dallas / In
Title Drilling Superintendent

cdk

T. 2 N., R. 6 E.




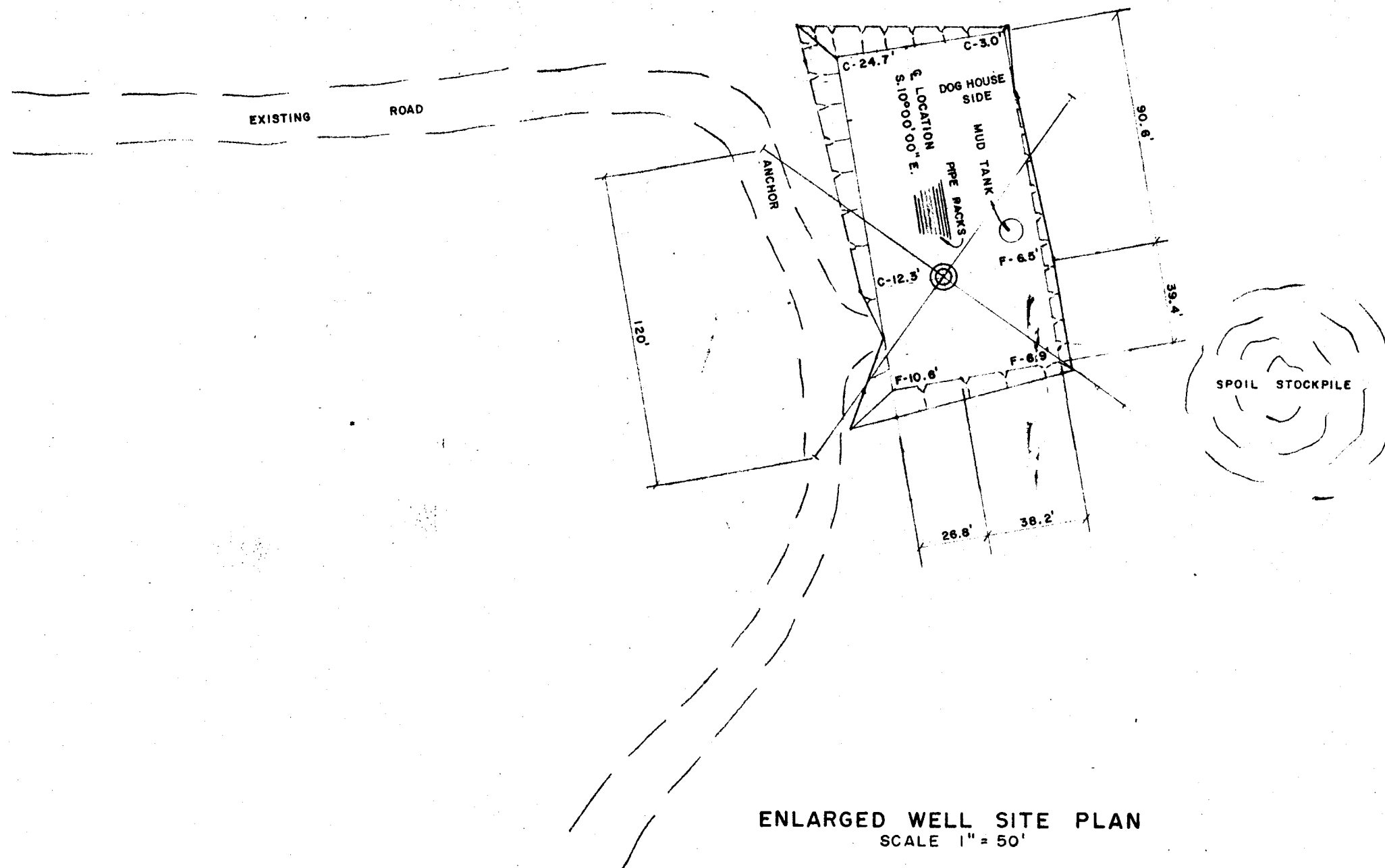
LOCATION PLAN
SCALE 1"=1000'

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge.

[Signature]
ENGINEER

UTAH REGISTRATION L.S. N° 3521

REVISIONS				 MOUNTAIN FUEL SUPPLY COMPANY ROCK SPRINGS, WYOMING
NO.	DESCRIPTION	DATE	BY	
				CERTIFIED WELL LOCATION AND WELL SITE PLAN CHALK CREEK GOV'T. WELL N° 4
DRAWN: 6/1/77 C.R.W. SCALE: AS NOTED CHECKED: <i>GEL</i> <i>SMF</i> DRWG. NO. M-12599 APPROVED: <i>SMF</i>				1/2



ENLARGED WELL SITE PLAN
SCALE 1" = 50'

GENERAL NOTES:

At sites where topsoil is present, same is to be removed and stored on the adjacent land for restoration of the site when required.

Mud pit and garbage pit are to be fenced, unlined.

Area for location 0.19 acres.

Recompletion of old well.

LEGEND

- ⊕ WELL
- ⊕ STONE CORNER
- ⊕ PIPE CORNER

DRILLING W.O.

ENGINEERING RECORD

SURVEYED BY James D. Gotfredson 6/1/77

REFERENCES G.L.O. PLAT ☒ U.S.G.S. QUAD. MAP ☐

LOCATION DATA

FIELD Chalk Creek Area

LOCATION SW $\frac{1}{4}$, SW $\frac{1}{4}$ or Lot 7, Sec. 6, T.2N., R.6E.
Salt Lake Meridian, 220' FSL, 595' FWL.

Summit County, Utah

WELL ELEVATION: 6275' "as graded" by electronic vertical angle elevation from M.F.S.Co. bench mark.

220
1010

T.3N., R.6E.
T.2N., R.6E.

CHALK CR. GOV'T
WELL N°6

UTAH FEDERAL "L"
WELL N° 1

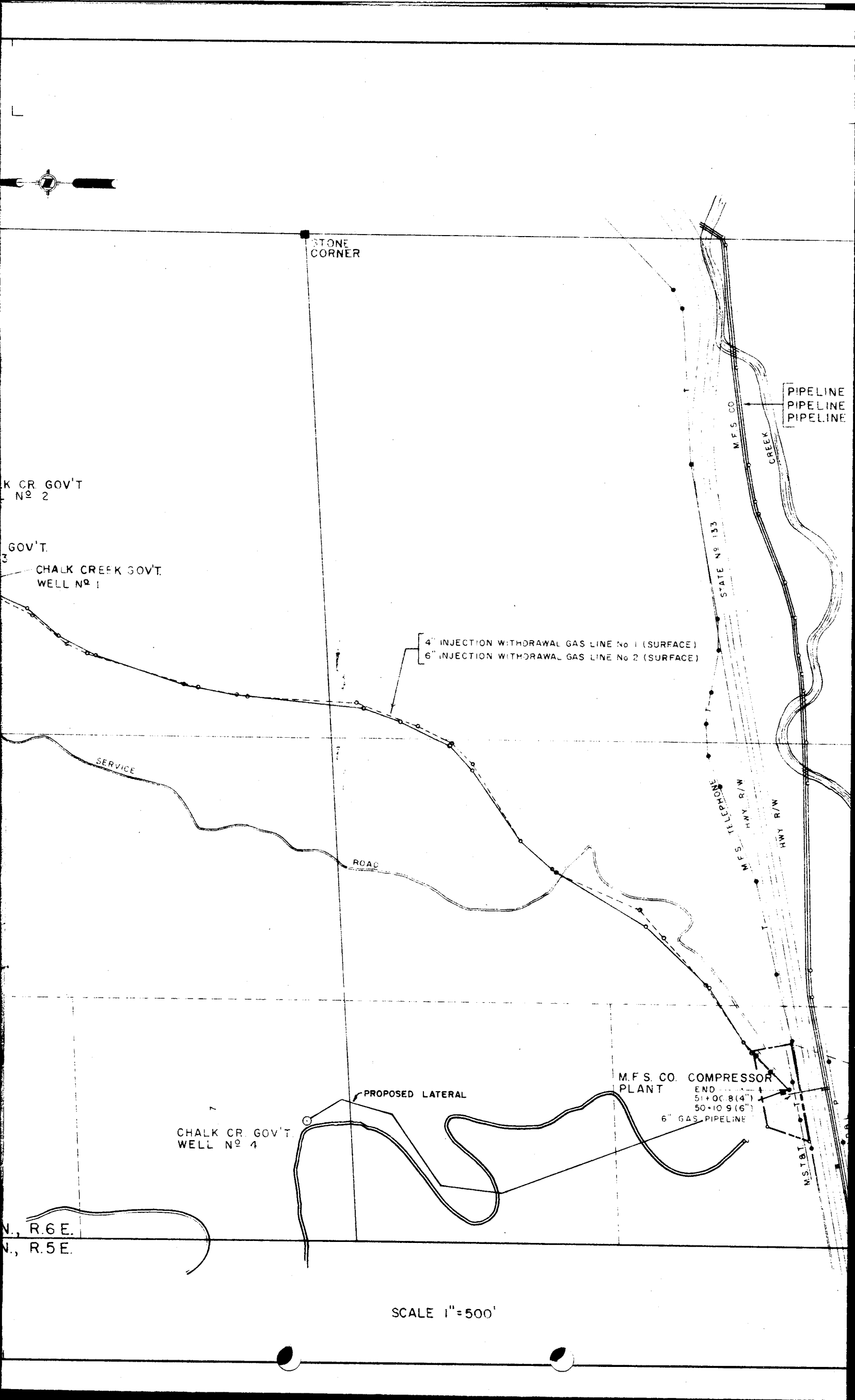
CHALK CR GOV'T
WELL N°5

CHALK CR. WELL N° 1
(OPIC OIL CO.)

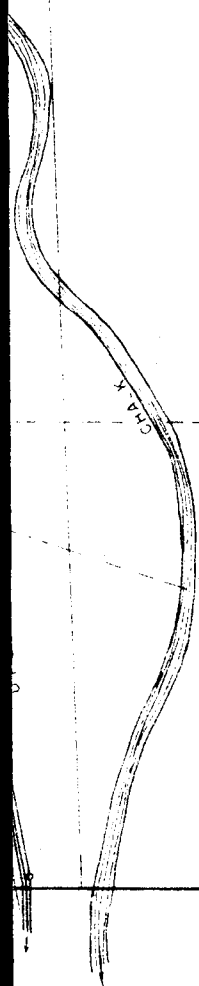
CHALK CR
WELL N°2

CHALK
WELL

T.2
T.2



NO 1 (18")
NO 13 (18")
NO 15 (20")



S 18° 04' W 3262'

U.P. N° 7-1
O

SET STONE
IN FENCE

CONFIDENTIAL

GENERAL PLAN
CHALK CREEK UNDERGROUND STORAGE
SUMMIT COUNTY, UTAH
T.2N., R.6E.

M-6501

U. S. LAND OFFICE Salt Lake City
SERIAL NUMBER 070555

LEASE OR PERMIT TO PROSPECT -----
Chalk Creek Gas Storage

A 10x10 grid with a dot at (1, 1) and a 6 at (5, 5).

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	184.01	115	Displacement	by Halliburton	
7	1889.59	654	"	" "	
2-7/8	2029.60	Tubing			

PLUGS AND ADAPTERS

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 2105 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 19, 1961 Put to producing water January 23, 1961

The production for the first 24 hours was 4991 barrels of fluid of which _____% was oil; _____% emulsion 100% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

Carmack Drilling Company

EMPLOYEES

L. G. Johns, Driller B. J. Tidwell, Driller
David Ludwick, Driller _____, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
		See formation record (attached)	
		(2) electric logs enclosed	
		1	

[OVER]

16-43094-4

COMPLETION REPORT

Operator: Mountain Fuel Supply Company
Well: Chalk Creek Government No. 4
Field: Chalk Creek
Location: 220 Feet from South Line, 595 Feet from West line, Sec. 6,
T. 2 N., R. 6 E., Summit County, Utah
Elevation: 6275 feet - Ground
Drilling Commenced: December 29, 1960
Drilling Completed: January 15, 1961
Rig Released: January 19, 1961
Total Depth: 2105 Feet
Casing: 10-3/4 - inch at 184.01 feet with 115 sacks cement
7-inch at 1889.59 feet with 654 sacks cement
Tubing: 2-7/8-inch at 2029.60 feet
Perforations: None
Productivity: 294 Barrels of water per hour
Shut-in surface pressure: 280 psig.
Producing formation: Kelvin (Gas storage sand)
Formation Tops: Kelvin- surface to total depth
Observation sand-1602
Storage sand-1885
Remarks: This well was drilled as a water withdrawal well for the Chalk
Creek Gas Storage Reservoir.

DRILL-STEM TESTS

<u>No.</u>	<u>Date</u>	<u>Total Depth</u>	<u>Bottom Packer</u>	<u>Sand</u>	<u>Min. Tool Open</u>	<u>BHFP</u>	<u>BHSIP</u>	<u>FHHP</u>	<u>Remarks</u>
1	1-8-61	1747	1540						MISRUN
2	1-9-61	1747	1540						MISRUN
3	1-9-61	1778	1550	1538-1565 1600-1680 1700-1747	15	840	865	880	Water to surface in 1 min. Rec. 1545' water, well flowed water.
4	1-16-61	2105	1890	1890-2050	93	1148	1192	1320	Water in 2 min., flowed 3771 / barrels/day.

MOUNTAIN FUEL SUPPLY COMPANY

P. O. BOX 1129

ROCK SPRINGS, WYOMING

January 25, 1961

J. T. SIMON
VICE PRESIDENT

*Ground Water -
Summit County*

Mr. Francis T. Mayo, Chief
Water Resources Branch
Office of the State Engineer
State Capitol Building
Salt Lake City, Utah

Dear Mr. Mayo:

In accordance with our discussion with you in your office on Friday afternoon, January 20, I am enclosing a water analysis of a surface flow sample from the Kelvin formation in our No. 4 Well in the Chalk Creek gas storage project.

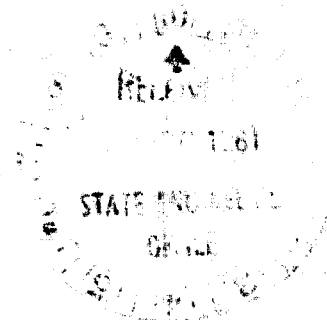
For your information we began producing this well at a rate of about 6500 barrels a day on January 23. We will keep you advised of any developments concerning this operation insofar as water production from this well is concerned.

Yours very truly,

JTS:sm

Enc.

cc: B. E. Kastler, Jr. w/o Enc.



January 23, 1961

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 279
Casper, Wyoming

Copies to: J. T. Simon (2)
B. W. Croft
G. D. Baston
H. Roehler
J. O. Sundberg
P. E. Files (2)

WATER ANALYSIS REPORT

Field Chalk Creek, Utah Well No. 4 Government
Operator Mountain Fuel Supply Company Location
Sampled by Date
Formation Kelvin Depths 1890 - 2105 How sampled DST No. 4
Other pertinent data Surface flow sample.

Analyzed by AG Date January 19, 1961 Lab. No. 16020-1

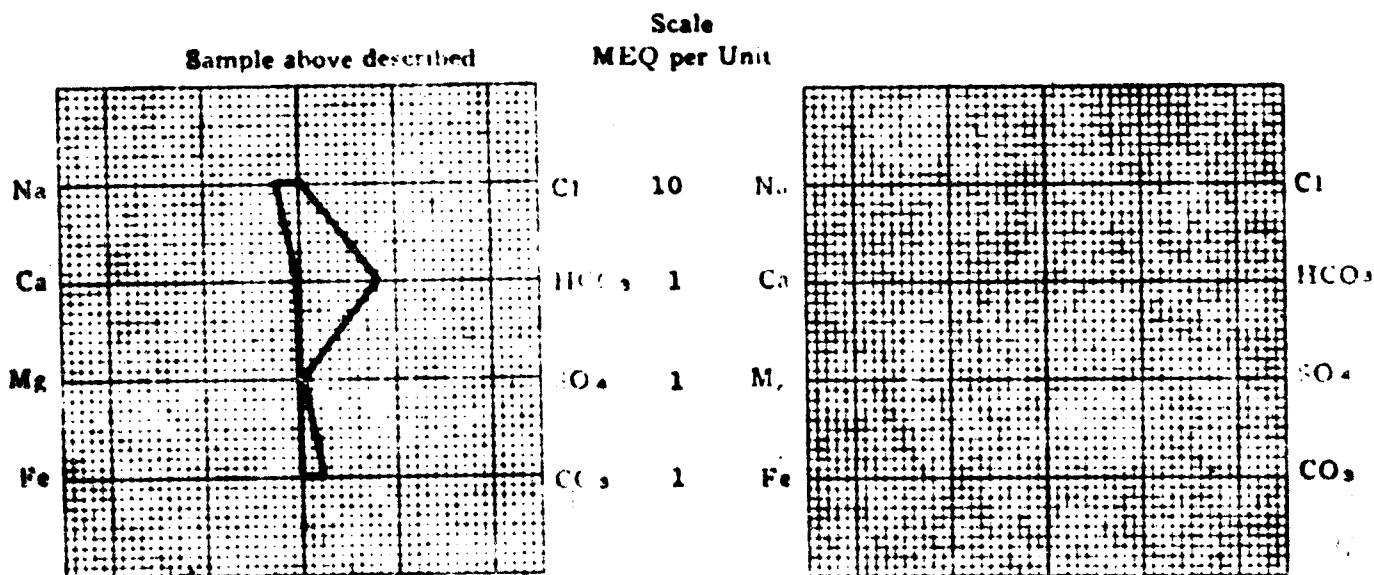
CONSTITUENTS	PPM	MEQ	MEQ	TOTAL SOLIDS IN PARTS PER MILLION:	
Sodium	523	22.75	48.41	By evaporation	1,476
Calcium	10	0.50	1.06	After ignition	1,280
Magnesium	3	0.25	0.53	Calculated	1,279
Sulfate	30	0.62	1.32	PROPERTIES OF REACTION IN PERCENT:	
Chloride	173	4.88	10.38	Primary salinity	23.40
Carbonate	60	2.00	4.26	Secondary salinity	0.00
Bicarbonate	976	16.00	34.04	Primary alkalinity	73.42
Hydroxide	-	-	-	Secondary alkalinity	3.18
				Chloride salinity	88.72
				Sulfate salinity	11.28

Observed pH 8.2 Resistivity @ 68°F. 4.85
ohm-meters

Remarks Dilute water; suitable for livestock consumption. Not considered harmful to vegetation.

Note: PPM = Milligrams per liter (1 PPM is equivalent to 0.0001% by weight). MEQ - Milliequivalents per liter. MEQ % = Milliequivalents per liter in percent.

WATER ANALYSIS PATTERN



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R286.4
Approval expires 12-31-66.

LAND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Onaik Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of AUG 1962, 19

Agent's address P. O. Box 1129 189
Rock Springs, Wyoming
Salt Lake City, Utah Company MOUNTAIN FUEL SUPPLY COMPANY

Signed F. L. Neely

Agent's title Office Manager

Divisional Chief Accountant

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW SE 6	2	6	1		Government Wells					Well head pressure 900#
NW SE 6	2	6	2							Observation Well Casing pressure 18# Tubing pressure 17#
NW SE 6	2	6	3							Gas withdrawn during Month Well head pressure 570#
SW SW 6	2	6	4							Water withdrawal Well Tubing pressure 900# Casing pressure 893#
NE SE 6	2	6	5		Ohio Oil Co.					Observation Well Well head pressure 900#
NW SW 6	2	6	1		Toyota Federal "I" Well					Observation Well Well head pressure 899#

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-B266.4
Approval expires 12-31-66.

LAND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of SEP 1962, 19

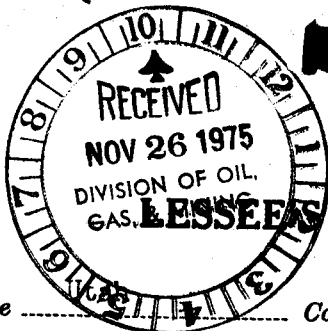
Agent's address P. O. Box 1188 989 Company MOUNTAIN FUEL SUPPLY COMPANY
Rock Springs, WYOMING
Salt Lake City, Utah Signed F. L. Neely

Phone _____ Agent's title OFFICE MANAGER
Divisional Chief Accountant

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
					Government Wells					
NW SE 6	2	6	1							Well head pressure 8984
NW SE 6	2	6	2							Observation Well Casing pressure 184 Tubing pressure 184
NW SE 6	2	6	3							Gas withdrawn during month Well head pressure 6124
SW SW 6	2	6	4							Water withdrawal well Tubing pressure 8994 Casing pressure 8864
					Ohio Oil Co.					
NE SE 6	2	6	1							Observation well Well head pressure 8974
					Texota Federal "L" Well					
NW SW 6	2	6	1							Observation well Well head pressure 8984

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

NOTE.—Report on this form must be filed in duplicate with _____ (State "no" where applicable.)
Operations, and must be filed in _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-2386.1
Approval expires 12-31-80.

LAND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT _____

LESSEES MONTHLY REPORT OF OPERATIONS

State _____ County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of OCT 1975, 19____,

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139

Signed J. Murphy

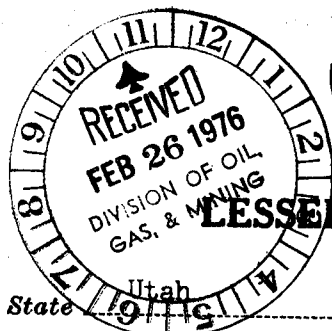
Phone 328-8315

Agent's title CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
					Government Wells					
NW SE 6	2N	6E	1							Injection and with- drawal of gas during month. Well head pressure <u>1060</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>37</u> Tubing pressure <u>38</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>818</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>1063</u> Casing pressure <u>1049</u>
					Ohio Oil Co.					
NW SE 6	2N	6E	1							Observation well Well head pressure Casing Pressure <u>1062</u> Tubing Pressure <u>1060</u>
					Texota Federal "L" Well					
NW SE 6	2N	6E	1							Observation well Well head pressure S-1 Zone <u>1079</u> S-1 Zone <u>819</u>

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

LAND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**LESSEE'S MONTHLY REPORT OF OPERATIONS**State Utah County Summit Field Chalk CreekThe following is a correct report of operations and production (including drilling and producing wells) for the month of JAN 1976, 19____,Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANYSALT LAKE CITY, UTAH 84139Phone 328-8315 Signed E. Murphy Agent's title CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
					Government Wells					
NW SE 6	2N	6E	1							Injection and withdrawal of gas during month. Well head pressure <u>175</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>13</u> Tubing pressure <u>14</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>815</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>180</u> Casing pressure <u>180</u>
					Ohio Oil Co.					
NW SE 6	2N	6E	1							Observation well Well head pressure Casing Pressure <u>181</u> Tubing Pressure <u>176</u>
					Texota Federal "L" Well					
NW SE 6	2N	6E	1							Observation well Well head pressure S-2 zone <u>975</u> S-1 Zone <u>816</u>

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Plan approved
Budget Bureau No. 42 2244 A
LAND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of FEB 1976, 19

Agent's address P.O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY
SALT LAKE CITY, UTAH 84139 Signed E. Murphy

Phone 534-5406 Agent's title MANAGER GENERAL ACCOUNTING

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW SE 6	2N	6E	1							Injection and with- drawal of gas during month. Well head pressure <u>922</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>42</u> Tubing pressure <u>42</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>772</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>928</u> Casing pressure <u>923</u>
OHIO OIL CO.										
NW SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>435</u> Tubing pressure <u>920</u>
TEXOTA FEDERAL "L" WELL										
NW SE 6	2N	6E	1							Observation well Well head pressure S-Zone <u>920</u> SI-Zone <u>734</u>

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MINERAL LEASES
BUREAU OF LAND MANAGEMENT
AND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek
The following is a correct report of operations and production (including drilling and producing wells) for the month of MAR 1976, 19____
Agent's address P.O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY
SALT LAKE CITY, UTAH 84139 Signed E. Murphy
Phone 534-5406 Agent's title MANAGER GENERAL ACCOUNTING

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW SE 6	2N	6E	1							Injection and withdrawal of gas during month. Well head pressure <u>515</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>56</u> Tubing pressure <u>37</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>733</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>593</u> Casing pressure <u>500</u>
OHIO OIL CO.										
NW SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>470</u> Tubing pressure <u>570</u>
TEXOTA FEDERAL "L" WELL										
NW SE 6	2N	6E	1							Observation well Well head pressure S-Zone <u>563</u> SI-Zone <u>733</u>

Note.—There were NO runs or sales of oil; NO M cu. ft. of gas sold;

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT

MAY 28 1978

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of APR 1978, 19

Agent's address P.O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY
SALT LAKE CITY, UTAH 84139 Signed D. Murphy

Phone 534-5406 Agent's title MANAGER GENERAL ACCOUNTING

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW SE 6	2N	6E	1							Injection and withdrawal of gas during month. Well head pressure <u>451</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>33</u> Tubing pressure <u>55</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>545</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>575</u> Casing pressure <u>545</u>
OHIO OIL CO.										
NW SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>450</u> Tubing pressure <u>452</u>
TEXOTA FEDERAL "L" WELL										
NW SE 6	2N	6E	1							Observation well Well head pressure S-Zone <u>451</u> SI-Zone <u>552</u>

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT

JUN 24 1976

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek
The following is a correct report of operations and production (including drilling and producing wells) for the month of MAY 1976
Agent's address P.O. BOX 11368
SALT LAKE CITY, UTAH 84139
Phone 534-5406 Company MOUNTAIN FUEL SUPPLY COMPANY
Signed E. Murphy Agent's title MANAGER GENERAL ACCOUNTING

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
					GOVERNMENT WELLS					
NW SE 6	2N	6E	1							
NW SE 6	2N	6E	2							Injection and withdrawal of gas during month. Well head pressure <u>592</u>
NW SE 6	2N	6E	3							Observation Well Casing pressure <u>29</u> Tubing pressure <u>30</u>
SW SW 6	2N	6E	4							Gas withdrawn during month. Well head pressure <u>587</u>
					OHIO OIL CO.					Water withdrawal well Tubing pressure <u>621</u> Casing pressure <u>596</u>
W SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>439</u> Tubing pressure <u>590</u>
					TEXOTA FEDERAL "L" WELL					Observation well Well head pressure S-Zone <u>538</u> SI-Zone <u>597</u>
SE 6	2N	6E	1							

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County _____ Summit _____ Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1946

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139

Phone 534-5265 Signed John J. Peppinger
Agent's title ASST. MANAGER GEN'L. ACCTG.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>GOVERNMENT WELLS</u>										
NW SE 6	2N	6E	1							Injection and with- drawal of gas during month. Well head pressure <u>577</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>27</u> Tubing pressure <u>27</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>520</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>633</u> Casing pressure <u>616</u>
<u>OHIO OIL CO.</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>426</u> Tubing pressure <u>622</u>
<u>TEXOTA FEDERAL "L" WELL</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure S-Zone <u>578</u> SI-Zone <u>584</u>

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold;
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of JUL 1976, 19____,

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139 Signed John J. Peppinger

Phone 534-5265 Agent's title ASST. MANAGER GEN'L. ACCTG.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>GOVERNMENT WELLS</u>										
NW SE 6	2N	6E	1							Injection and with- drawal of gas during month. Well head pressure <u>637</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>25</u> Tubing pressure <u>25</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>603</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>638</u> Casing pressure <u>628</u>
<u>OHIO OIL CO.</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>425</u> Tubing pressure <u>655</u>
<u>TEXOTA FEDERAL "L" WELL</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure S-Zone <u>625</u> SI-Zone <u>607</u>

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE Salt Lake
LEASE NUMBER 070555
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of MAR 1977, 19____,

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY
SALT LAKE CITY, UTAH 84139 Signed Original Signed John J. Peppinger

Phone 534-5265 Agent's title ASST. MANAGER GEN'L. ACCTG.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>GOVERNMENT WELLS</u>										
NW SE 6	2N	6E	1							Injection and with- drawal of gas during month. Well head pressure <u>597</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>34</u> Tubing pressure <u>34</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>770</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>646</u> Casing pressure <u>620</u>
<u>OHIO OIL CO.</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>444</u> Tubing pressure <u>618</u>
<u>TEXOTA FEDERAL "L" WELL</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure S-Zone <u>619</u> SI-Zone <u>766</u>

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold;
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SLC 070555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chalk Creek Government

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Chalk Creek Gas Storage

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SW SW 6-2N-6E

12. COUNTY OR PARISH 13. STATE

Summit

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☐ Gas Storage

2. NAME OF OPERATOR

Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

220' FSL, 595' FWL SW SW

14. PERMIT NO.

-

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB 6281.25'

GR 6271'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) Recomplete ☒

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 2105', PBD 1885'.

We would like to set a packer at 1825', perforated the following intervals in the S-1 zone with 2 jumbo jet shots per foot:

1615-1629', 1640-1650', 1660-1680', 1696-1710' and 1720-1740', swab, and dually complete in the S and S-1 zones.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: May 23, 1977

BY: P. H. Driscoll kfo

(Original signed by P. H. Driscoll)

18. I hereby certify that the foregoing is true and correct

SIGNED

G. L. Myers

TITLE

Manager, Drilling and
Petroleum Engineering

DATE May 19, 1977

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SLC 070555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chalk Creek Government

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Chalk Creek Gas Storage

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SW SW 6-2N-6E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Gas Storage

2. NAME OF OPERATOR

Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

220' FSL, 595' FWL SW SW

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB 6281.25'

GR 6271'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

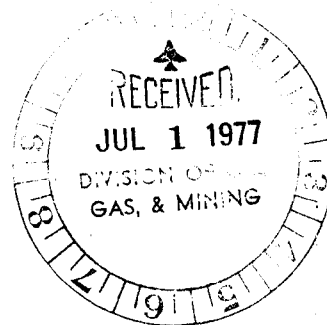
ABANDONMENT*

(Other) Recomplete(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 2105', PBD 1885', rigged up work over unit on 6-10-77, perforated the following intervals with 2 jumbo jet shots per foot: 1615-1629', 1640-1650', 1660-1680', 1696-1710', and 1720-1740' KBM, set model D packer at 1830', landed 2-3/8"OD, 4.6#, tubing at 1830' KBM, landed 2-3/8"OD, 4.6#, tubing at 1576.66' KBM, pressure tested tubing spool and dual hangers to 2000 psi, held OK, rig released 6-16-77.

Final report.



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Drilling Superintendent

DATE

June 29, 1977

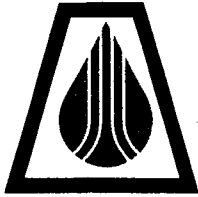
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



QUESTAR PIPELINE COMPANY

79 SOUTH STATE STREET • P. O. BOX 11450 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2400
June 23, 1988

CERTIFIED MAIL

RETURNED RECEIPT REQUESTED

#P 879 571 459

Bureau of Land Management
Utah State Office
CFS Financial Center
324 S. State Street
Salt Lake City, UT 84111-2303

Re: Name Change
Mountain Fuel Resources, Inc.
to Questar Pipeline Company

Gentlemen:

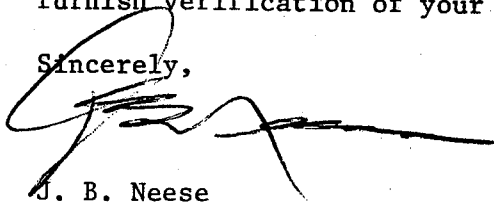
Enclosed for your files and information is a certified copy of the Articles of Amendment to the Articles of Incorporation of Mountain Fuel Resources, Inc. dated March 7, 1988, indicating that Mountain Fuel Resources, Inc. changed its name to Questar Pipeline Company.

Questar Pipeline Company holds interests in the following Federal Oil and Gas Leases in Utah:

Now wells on gas held with CA
CA well - RT 1 OR's Mt. Fuel Resources - U-9712-A - Questar Energy Co. 100%
U-011246 - Assignment pending to "Questar Energy Co."
SLC-045051(A) > OR'S
SLC-045051(B) > OR'S
SLC-045053(A) > OR'S
SLC-045053(B) > OR'S
SLC-062508 - OR'S
SLC-070555 - OR'S
SLC-070555(A) - OR'S
? Agreement No. 14-08-0001-16009
(Clay Basin Gas Storage Agreement)

Please note and adjust your records in accordance with the above and furnish verification of your receipt of this notice to the undersigned.

Sincerely,


J. B. Neese
Senior Landman

JBN/sdg

Enclosure

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

3/7/1988**FROM: (Old Operator):**

N0680-Mountain Fuel Supply Company
180 E 100 S
Salt Lake City, UT 84139
Phone: 1-(801) 534-5267

TO: (New Operator):

N7560-Questar Pipeline Company
PO Box 11450
Salt Lake City, UT 84147
Phone: 1-(801) 530-2019

CA No.

Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
COALVILLE GAS STORAGE 1	09	020N	050E	4304310691	99990	Fee	GS	A
COALVILLE GAS STORAGE 2	10	020N	050E	4304330005	99990	Fee	GS	A
COALVILLE GAS STORAGE 3	10	020N	050E	4304330007	99990	Fee	GS	A
COALVILLE GAS STORAGE 4	10	020N	050E	4304330009	99990	Fee	GS	A
COALVILLE GAS STORAGE 5	10	020N	050E	4304330011	99990	Fee	GS	A
COALVILLE GAS STORAGE 6	10	020N	050E	4304330020	99990	Fee	GS	A
COALVILLE GAS STORAGE 7	10	020N	050E	4304330021	99990	Fee	GS	A
CHALK CREEK GOVT 4	06	020N	060E	4304305003	99990	Federal	GS	A
OHIO GOVT WELL 1 CHALK CREEK	06	020N	060E	4304305004	99990	Federal	GS	A
TEXOTA UTAH FED L 1	06	020N	060E	4304305005	99990	Federal	GS	A
CHALK CREEK GOVT 2	06	020N	060E	4304305006	99990	Federal	GS	A
CHALK CREEK GOVT 3	06	020N	060E	4304305007	99990	Federal	GS	A
CHALK CREEK GOVT 1	06	020N	060E	4304305008	99990	Federal	GS	A
CHALK CREEK GOVT 5	06	020N	060E	4304305009	99990	Federal	GS	A
CHALK CREEK GOVT 6	06	020N	060E	4304305018	99990	Federal	GS	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/13/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/13/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/14/20044. Is the new operator registered in the State of Utah: YES Business Number: 649172-01425. If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 3/9/1989

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on:

n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on:

n/a

10. **Underground Injection Control ("UIC"** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on:

1/29/2004

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on:

1/29/2004

3. Bond information entered in RBDMS on:

1/29/2004

4. Fee wells attached to bond in RBDMS on:

1/29/2004

5. Injection Projects to new operator in RBDMS on:

n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number:

n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

965002976

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number:

n/a

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965003033

2. The **FORMER** operator has requested a release of liability from their bond on:

N/A

The Division sent response by letter on:

N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/29/2004

COMMENTS:

3100
U-09712-A
et al
(U-942)

C. Seare
3/9/89

DECISION

Questar Pipeline Company : Oil and Gas Leases
P.O. Box 11450 : U-09712-A et al
Salt Lake City, Utah 84147 :

Corporate Name Change Recognized

Acceptable evidence has been received establishing that Mountain Fuel Resources, Inc. has changed their name to Questar Pipeline Company. Accordingly, the surviving company, Questar Pipeline Company, is recognized as holding all interests in Federal oil and gas leases which were held by Mountain Fuel Resources, Inc. We are changing our records with respect to the attached listing of oil and gas leases. If there are any other leases that will be affected, please contact this office.

/s/ M. Wills

ACTING Chief, Minerals
Adjudication Section

Enclosure
List of Leases

cc: All District Offices, Utah
MMS, AFS
MMS, BRASS
920, Teresa Thompson
Clay Basin Unit File

CSeare:sl 3/9/89:1642f

RECEIVED

JAN 28 2004

DIV. OF OIL, GAS & MINING

List of Leases

Overriding Royalties

U-09712-A
U-011246

Operating Rights

SL-045051-A & B
SL-045053-A & B
SL-062508
SL-0700555
SL-070555-A

SL-045049-A & B

Clay Basin Gas Storage Agreement
Agreement No. 14-08-0001-16009

NEW ENTITY NUMBERS ASSIGNED FEBRUARY 2004

ACCT	OPERATOR NAME	API NUM.	Sec	Twnshp	Rng	WELL NAME	ENTITY	EFF DATE	REASON
N7560	Questar Pipeline Co	4304305003	06	020N	060E	Chalk Creek Gov 4	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305004	06	020N	060E	Ohio Govt Well Chalk Creek	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305005	06	020N	060E	Texota Utah Fed L 1	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305006	06	020N	060E	Chalk Creek Gov 2	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305007	06	020N	060E	Chalk Creek Gov 3	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305008	06	020N	060E	Chalk Creek Gov 1	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305009	06	020N	060E	Chalk Creek Gov 5	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305018	06	020N	060E	Chalk Creek Gov 6	99990 to 14039	2/10/2004	Chalk Creek Gas Storage

Note to file: These entity numbers
were changed to compliment the
operator correction from 3/7/98